

From: Dana Dean
To: Hansen, Chris
Date: 12/09/2003 5:26:20 PM
Subject: Re: 2003 3rd Quarter Water Monitoring Skyline

Chris,

I have uploaded the Skyline third quarter data from the pipeline. I am impressed with your speed in getting it done. That is a lot of information! A report is attached.

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E.
Senior Reclamation Hydrologist
(801) 538-5320
danadean@utah.gov

CC: Angela Nance; Gregg Galecki; Steve Demczak

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OFFICIAL UPLOAD REPORT

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OWNER: CANYON FUEL CO., LLC
MINE: SKYLINE

SITE TYPE: Other: in mine, roof drippers

SITE: CS-12
 NO FLOW Date: 09/20/2003 Time: 10:20
 Comments: Mine #3 is not discharging

SITE: CS-13
 Laboratory: MSA 0310051-09 Period:OPER
 Sample Date: 09/25/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003
 Laboratory: CTE 59-25738 Period:OPER
 Sample Date: 09/25/2003 Time: 13:35 Reported: 10/14/2003 Received: 09/26/2003

SITE: CS-14
 Laboratory: CTE 59-25753 Period:OPER
 Sample Date: 09/30/2003 Time: 10:20 Reported: 10/14/2003 Received: 09/30/2003
 Laboratory: MSA 0310051-12 Period:OPER
 Sample Date: 09/30/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

SITE: MD-1
 Laboratory: CTE 59-25753-1 Period:OPER
 Sample Date: 09/30/2003 Time: 10:20 Reported: 10/14/2003 Received: 09/30/2003
 Laboratory: MSA 0310052-08 Period:OPER
 Sample Date: 09/30/2003 Time: 12:00 Reported: 10/23/2003 Received: 10/07/2003

SITE TYPE: Spring

SITE: 2-413
 Laboratory: CTE 59-25728 Period:OPER
 Sample Date: 09/24/2003 Time: 10:00 Reported: 10/10/2003 Received: 09/26/2003

SITE: 3-290
 NO FLOW Date: 09/23/2003 Time: 10:15

SITE: S10-1
 Laboratory: CTE 59-25681 Period:OPER
 Sample Date: 09/17/2003 Time: 15:10 Reported: 09/30/2003 Received: 09/18/2003

SITE: S12-1
 NO FLOW Date: 09/18/2003 Time: 12:00

SITE: S13-2
 Laboratory: CTE 59-25732 Period:OPER
 Sample Date: 09/25/2003 Time: 17:40 Reported: 10/14/2003 Received: 09/26/2003

SITE: S13-7
 Laboratory: CTE 59-25686 Period:OPER
 Sample Date: 09/18/2003 Time: 12:45 Reported: 10/02/2003 Received: 09/19/2003

SITE: S14-4
 Laboratory: CTE 59-25714 Period:OPER
 Sample Date: 09/22/2003 Time: 13:40 Reported: 10/06/2003 Received: 09/23/2003

SITE: S15-3
 Laboratory: CTE 59-25713 Period:OPER
 Sample Date: 09/22/2003 Time: 15:00 Reported: 10/06/2003 Received: 09/23/2003

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SITE: S17-2
 Laboratory: CTE 59-25740 Period:OPER
 Sample Date: 09/25/2003 Time: 12:10 Reported: 10/14/2003 Received: 09/26/2003

SITE: S22-11
 Laboratory: CTE 59-25747 Period:OPER
 Sample Date: 09/29/2003 Time: 14:30 Reported: 10/14/2003 Received: 09/30/2003

SITE: S22-5
 Laboratory: CTE 59-25750 Period:OPER
 Sample Date: 09/29/2003 Time: 14:45 Reported: 10/14/2003 Received: 09/30/2003

SITE: S23-4
 Laboratory: CTE 59-25749 Period:OPER
 Sample Date: 09/29/2003 Time: 16:30 Reported: 10/14/2003 Received: 09/30/2003

SITE: S24-12
 Laboratory: CTE 59-25735 Period:OPER
 Sample Date: 09/25/2003 Time: 17:15 Reported: 10/14/2003 Received: 09/26/2003

SITE: S26-13
 Laboratory: CTE 59-25715 Period:OPER
 Sample Date: 09/22/2003 Time: 11:45 Reported: 10/06/2003 Received: 09/23/2003

SITE: S34-12
 Laboratory: CTE 59-25751 Period:OPER
 Sample Date: 09/29/2003 Time: 11:30 Reported: 10/14/2003 Received: 09/30/2003

SITE: S35-8
 Laboratory: CTE 59-25691 Period:OPER
 Sample Date: 09/18/2003 Time: 18:00 Reported: 09/30/2003 Received: 09/19/2003

SITE: S36-12
 Laboratory: CTE 59-25730 Period:OPER
 Sample Date: 09/24/2003 Time: 12:50 Reported: 10/10/2003 Received: 09/26/2003

SITE: WQ1-39
 Laboratory: CTE 59-25677 Period:OPER
 Sample Date: 09/17/2003 Time: 12:30 Reported: 09/30/2003 Received: 09/18/2003

SITE: WQ3-26
 Laboratory: CTE 59-25689 Period:OPER
 Sample Date: 09/18/2003 Time: 11:30 Reported: 09/30/2003 Received: 09/19/2003

SITE: WQ3-41
 Laboratory: CTE 59-25679 Period:OPER
 Sample Date: 09/17/2003 Time: 13:30 Reported: 09/30/2003 Received: 09/18/2003

SITE: WQ3-43
 Laboratory: CTE 59-25678 Period:OPER
 Sample Date: 09/17/2003 Time: 13:00 Reported: 09/30/2003 Received: 09/18/2003

SITE: WQ3-6
 Laboratory: CTE 59-25687 Period:OPER
 Sample Date: 09/18/2003 Time: 13:13 Reported: 10/02/2003 Received: 09/19/2003

SITE: WQ4-12
 Laboratory: CTE 59-25688 Period:OPER
 Sample Date: 09/18/2003 Time: 12:45 Reported: 10/02/2003 Received: 09/19/2003

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SITE TYPE: Stream

SITE: CS-1

Laboratory: MSA 0310051-5 Period:OPER
Sample Date: 09/25/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25736 Period:OPER
Sample Date: 09/25/2003 Time: 15:20 Reported: 10/14/2003 Received: 09/26/2003

SITE: CS-10

Laboratory: CTE 59-25748 Period:OPER
Sample Date: 09/29/2003 Time: 15:10 Reported: 10/14/2003 Received: 09/30/2003

SITE: CS-11

Laboratory: MSA 0310051-03 Period:OPER
Sample Date: 09/24/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25724 Period:OPER
Sample Date: 09/24/2003 Time: 12:30 Reported: 10/06/2003 Received: 09/26/2003

SITE: CS-15

NO FLOW Date: 09/25/2003 Time: 15:40

SITE: CS-16

Laboratory: CTE 59-25754 Period:OPER
Sample Date: 09/29/2003 Time: 13:20 Reported: 10/14/2003 Received: 09/30/2003
Comments: DIS.METALS FILTERED @ LAB

SITE: CS-17

Laboratory: CTE 59-25711 Period:OPER
Sample Date: 09/22/2003 Time: 16:00 Reported: 10/06/2003 Received: 09/23/2003

SITE: CS-18

Laboratory: CTE 59-25752 Period:OPER
Sample Date: 09/29/2003 Time: 11:50 Reported: 10/14/2003 Received: 09/30/2003

SITE: CS-19

Laboratory: CTE 59-25682 Period:OPER
Sample Date: 09/17/2003 Time: 15:20 Reported: 09/30/2003 Received: 09/18/2003

SITE: CS-2

Laboratory: MSA 0310051-04 Period:OPER
Sample Date: 09/24/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25725 Period:OPER
Sample Date: 09/24/2003 Time: 13:15 Reported: 10/06/2003 Received: 09/26/2003

SITE: CS-20

Laboratory: CTE 59-25690 Period:OPER
Sample Date: 09/18/2003 Time: 14:00 Reported: 09/30/2003 Received: 09/19/2003

SITE: CS-21

Laboratory: CTE 59-25680 Period:OPER
Sample Date: 09/17/2003 Time: 14:00 Reported: 09/30/2003 Received: 09/18/2003

SITE: CS-3

Laboratory: MSA 0310051-11 Period:OPER
Sample Date: 09/25/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25734 Period:OPER
Sample Date: 09/25/2003 Time: 17:30 Reported: 10/14/2003 Received: 09/26/2003

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SITE: CS-4

Laboratory: MSA 0310051-02 Period:OPER
Sample Date: 09/24/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

SITE: CS-6

Laboratory: MSA 0310051-08 Period:OPER
Sample Date: 09/25/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25739 Period:OPER
Sample Date: 09/25/2003 Time: 12:45 Reported: 10/14/2003 Received: 09/26/2003

SITE: CS-7

Laboratory: CTE 59-25693 Period:OPER
Sample Date: 09/18/2003 Time: 18:15 Reported: 09/30/2003 Received: 09/19/2003

SITE: CS-8

Laboratory: CTE 59-25712 Period:OPER
Sample Date: 09/22/2003 Time: 15:20 Reported: 10/06/2003 Received: 09/23/2003

SITE: CS-9

Laboratory: MSA 0310051-10 Period:OPER
Sample Date: 09/25/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25733 Period:OPER
Sample Date: 09/25/2003 Time: 17:20 Reported: 10/14/2003 Received: 09/26/2003

SITE: F-10

Laboratory: FLD 20030721-2 Period:OPER
Sample Date: 07/21/2003 Time: 10:20 Reported: Received:

Laboratory: FLD 20030827-2 Period:OPER
Sample Date: 08/27/2003 Time: 09:25 Reported: Received:

SITE: F-9

Laboratory: FLD 20030721-1 Period:OPER
Sample Date: 07/21/2003 Time: 10:55 Reported: Received:

Laboratory: FLD 20030827-1 Period:OPER
Sample Date: 08/27/2003 Time: 09:45 Reported: Received:

Laboratory: FLD 20030924-1 Period:OPER
Sample Date: 09/24/2003 Time: 11:45 Reported: Received:

SITE: MC-1

Laboratory: MSA 0310052-01 Period:OPER
Sample Date: 09/30/2003 Time: 12:00 Reported: 10/23/2003 Received: 10/07/2003

Laboratory: CTE 59-25757 Period:OPER
Sample Date: 09/30/2003 Time: 14:15 Reported: 10/06/2003 Received: 10/02/2003

SITE: MC-2

Laboratory: MSA 0310052-02 Period:OPER
Sample Date: 09/30/2003 Time: 12:00 Reported: 10/23/2003 Received: 10/07/2003

Laboratory: CTE 59-25758 Period:OPER
Sample Date: 09/30/2003 Time: 14:50 Reported: 10/06/2003 Received: 10/02/2003

SITE: MC-3

Laboratory: MSA 0310052-03 Period:OPER
Sample Date: 09/30/2003 Time: 12:00 Reported: 10/23/2003 Received: 10/07/2003

Laboratory: CTE 59-25759 Period:OPER
Sample Date: 09/30/2003 Time: 15:50 Reported: 10/06/2003 Received: 10/02/2003

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SITE: MC-4

Laboratory: MSA 0310052-04 Period:OPER
 Sample Date: 09/30/2003 Time: 12:00 Reported: 10/23/2003 Received: 10/07/2003

Laboratory: CTE 59-25760 Period:OPER
 Sample Date: 09/30/2003 Time: 15:20 Reported: 10/06/2003 Received: 10/02/2003

SITE: MC-5

Laboratory: MSA 0310052-05 Period:OPER
 Sample Date: 09/30/2003 Time: 12:00 Reported: 10/23/2003 Received: 10/07/2003

Laboratory: CTE 59-25761 Period:OPER
 Sample Date: 09/30/2003 Time: 13:55 Reported: 10/06/2003 Received: 10/02/2003

SITE: UPL-10

Laboratory: CTE 59-25692 Period:OPER
 Sample Date: 09/18/2003 Time: 16:30 Reported: 09/30/2003 Received: 09/19/2003

SITE: VC-10

Laboratory: MSA 0310051-06 Period:OPER
 Sample Date: 09/24/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25727 Period:OPER
 Sample Date: 09/24/2003 Time: 16:45 Reported: 10/10/2003 Received: 09/26/2003

SITE: VC-6

Laboratory: MSA 0310051-01 Period:OPER
 Sample Date: 09/24/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25726 Period:OPER
 Sample Date: 09/24/2003 Time: 14:15 Reported: 10/06/2003 Received: 09/26/2003

SITE: VC-9

Laboratory: MSA 0310051-07 Period:OPER
 Sample Date: 09/25/2003 Time: 12:00 Reported: 10/21/2003 Received: 10/07/2003

Laboratory: CTE 59-25737 Period:OPER
 Sample Date: 09/25/2003 Time: 14:15 Reported: 10/14/2003 Received: 09/26/2003

SITE: WRDS #1

NO FLOW Date: 09/18/2003 Time: 15:30

SITE: WRDS #2

NO FLOW Date: 09/18/2003 Time: 15:30

SITE: WRDS #3

NO FLOW Date: 09/18/2003 Time: 15:30

SITE: WRDS #4

NO FLOW Date: 09/18/2003 Time: 15:30

SITE TYPE: UPDES Permit discharge point

SITE: JC-3

Laboratory: CTE 59-25756 Period:OPER
 Sample Date: 09/30/2003 Time: 07:15 Reported: 10/06/2003 Received: 10/02/2003

Laboratory: MSA 0310052-09 Period:OPER
 Sample Date: 09/30/2003 Time: 12:00 Reported: 10/23/2003 Received: 10/07/2003

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SITE: UT0023540-001

Laboratory: CTE 59-25633 Period:UPDS
 Sample Date: 09/04/2003 Time: 16:00 Reported: 09/12/2003 Received: 09/05/2003

Laboratory: CTE 59-25644 Period:UPDS
 Sample Date: 09/10/2003 Time: 16:30 Reported: 09/20/2003 Received: 09/12/2003

Laboratory: CTE 59-25676 Period:UPDS
 Sample Date: 09/18/2003 Time: 13:45 Reported: 09/26/2003 Received: 09/18/2003

Laboratory: CTE 59-25722 Period:UPDS
 Sample Date: 09/25/2003 Time: 08:00 Reported: 10/02/2003 Received: 09/26/2003

Laboratory: CTE 59-25755 Period:UPDS
 Sample Date: 09/30/2003 Time: 07:30 Reported: 10/10/2003 Received: 10/02/2003

Laboratory: CTE 59-25803 Period:UPDS
 Sample Date: 10/09/2003 Time: 17:15 Reported: 10/23/2003 Received: 10/10/2003

Laboratory: CTE 59-25819 Period:UPDS
 Sample Date: 10/14/2003 Time: 13:30 Reported: 10/23/2003 Received: 10/16/2003

Laboratory: CTE 59-25848 Period:UPDS
 Sample Date: 10/23/2003 Time: 14:30 Reported: 11/12/2003 Received: 10/23/2003

Laboratory: CTE 59-25895 Period:UPDS
 Sample Date: 10/31/2003 Time: 14:30 Reported: 11/13/2003 Received: 10/31/2003

Laboratory: CTE 59-25900 Period:UPDS
 Sample Date: 11/06/2003 Time: 10:30 Reported: 11/13/2003 Received: 11/07/2003

SITE: UT0023540-002

NO FLOW Date: 09/04/2003 Time: 16:15

NO FLOW Date: 09/10/2003 Time: 16:45

NO FLOW Date: 09/18/2003 Time: 14:00

NO FLOW Date: 09/25/2003 Time: 08:15

NO FLOW Date: 09/30/2003 Time: 07:45

NO FLOW Date: 10/09/2003 Time: 17:30

NO FLOW Date: 10/14/2003 Time: 13:45

NO FLOW Date: 10/22/2003 Time: 14:45

NO FLOW Date: 10/31/2003 Time: 14:45

SITE: UT0023540-003

NO FLOW Date: 09/04/2003 Time: 16:30

NO FLOW Date: 09/10/2003 Time: 17:00

NO FLOW Date: 09/18/2003 Time: 14:15

NO FLOW Date: 09/25/2003 Time: 08:30

NO FLOW Date: 09/30/2003 Time: 08:00

NO FLOW Date: 10/09/2003 Time: 17:45

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NO FLOW Date: 10/14/2003 Time: 14:00

NO FLOW Date: 10/22/2003 Time: 15:00

NO FLOW Date: 10/31/2003 Time: 15:00

SITE TYPE: Well

SITE: 92-91-03

Laboratory: CTE 59-25685 Period:OPER

Sample Date: 09/18/2003 Time: 15:30 Reported: 10/02/2003 Received: 09/19/2003

SITE: JC-1

DRY WELL Date: 09/18/2003 Time: 11:45

Comments: Pump malfunctioned 9-17-03

SITE: W2-1

Laboratory: FLD 20030814-2 Period:OPER

Sample Date: 08/14/2003 Time: 11:00 Reported: Received:

SITE: W20-28-1

Laboratory: FLD 20030929-7 Period:OPER

Sample Date: 09/29/2003 Time: 14:10 Reported: Received:

SITE: W20-4-1

Laboratory: FLD 20030929-2 Period:OPER

Sample Date: 09/29/2003 Time: 11:00 Reported: Received:

SITE: W20-4-2

Laboratory: FLD 20030929-3 Period:OPER

Sample Date: 09/29/2003 Time: 10:30 Reported: Received:

SITE: W79-10-1b

Laboratory: FLD 20030917-1 Period:OPER

Sample Date: 09/17/2003 Time: 14:45 Reported: Received:

SITE: W79-14-2a

Laboratory: FLD 20030929-1 Period:OPER

Sample Date: 09/29/2003 Time: 16:40 Reported: Received:

SITE: W79-26-1

Laboratory: FLD 20030815-2 Period:OPER

Sample Date: 08/15/2003 Time: 19:15 Reported: Received:

SITE: W79-35-1A

Laboratory: FLD 20030815-1 Period:OPER

Sample Date: 08/15/2003 Time: 19:00 Reported: Received:

SITE: W79-35-1B

Laboratory: FLD 20030815-3 Period:OPER

Sample Date: 08/15/2003 Time: 19:15 Reported: Received:

SITE: W91-26-1

Laboratory: FLD 20030917-2 Period:OPER

Sample Date: 09/17/2003 Time: 11:00 Reported: Received:

SITE: W91-35-1

Laboratory: FLD 20030917-3 Period:OPER

Sample Date: 09/17/2003 Time: 12:10 Reported: Received:

SITE: W99-21-1

Laboratory: FLD 20030929-5 Period:OPER

Sample Date: 09/29/2003 Time: 18:00 Reported: Received:

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SITE: W99-28-1

Laboratory: FLD 20030929-6 Period:OPER

Sample Date: 09/29/2003 Time: 13:00 Reported: Received:

SITE: W99-4-1

Laboratory: FLD 20030929-4 Period:OPER

Sample Date: 09/29/2003 Time: 11:20 Reported: Received: